

NETWORK-BASED METHOD AND SYSTEM FOR
ANALYZING AND DISPLAYING RELIABILITY
DATA

ABSTRACT OF THE DISCLOSURE

A network-based method and system for analyzing and displaying reliability data from a user records reliability data, obtains unreliability plots, obtains Weibull distribution parameters, creates control charts for those parameters over time, and obtains hypothesis tests to ensure reliability has not changed due to process variation.

1. A network-based method for analyzing and displaying reliability data, comprising: receiving reliability data from a user; obtaining unreliability plots; obtaining Weibull distribution parameters; creating control charts for those parameters over time; and obtaining hypothesis tests to ensure reliability has not changed due to process variation.